

Abstract

In a multicarrier modulation communications system, a change of a bit allocation table for the multiple subchannels or tones is notified from a transmitter to a receiver by a change in the inversion state of synchronization symbols provided in superframes of transmitted multicarrier symbols, successive changes of the bit allocation table being indicated by opposite changes of the inversion state of the synchronization symbols, respectively from non-inverted to inverted synchronization symbols and from inverted to non-inverted synchronization symbols. This provides resistance to errors and facilitates rapid recovery in the event that errors occur. A superframe number can also be used to identify when the inversion state of the synchronization symbols is to be changed.